

LITHIUM CELL WITH IMPROVED CATHODE

ABSTRACT OF THE DISCLOSURE

A primary lithium cell having an anode comprising lithium and a cathode comprising electrochemically active material selected from copper vanadates having the formula  $\text{CuV}_2\text{O}_6$  or  $\text{Cu}_2\text{V}_2\text{O}_7$  or mixtures thereof. The cathode can include a manganese dioxide in admixture with said copper vanadates. The cell exhibits higher capacity and energy output than conventional lithium cells having an anode comprising lithium and cathode comprising manganese dioxide.